

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of transmitting broadcasting information to a mobile station by utilizing a cell broadcasting service (CBS), comprising:

converting in a transmitting mobile station broadcasting information into a predetermined message code equal to a message code predetermined in a receiving mobile station according to type and contents of the broadcasting information;

generating in the transmitting mobile station a message having the converted predetermined message code and a header indicating the type of the broadcasting information in a format predetermined depending on the type of the broadcasting information; and

transmitting in the transmitting mobile station to the receiving mobile station the generated message by utilizing the CBS,

wherein the converted predetermined message code includes a code that is predetermined for at least one word for indicating the contents of the broadcasting information.

2. (Original) The method of claim 1, wherein if the broadcasting information is weather information, the predetermined message code includes an area code, a date code, a time code, and a weather code.

3. (Currently Amended) A method of receiving broadcasting information in a mobile station by utilizing a cell broadcasting service (CBS), comprising:

checking in a receiving mobile station a header of a CBS message upon receipt of the CBS message; and

recovering in the receiving mobile station broadcasting information by comparing a message code of the CBS message with a ~~predetermined~~ code predetermined in the transmitting mobile station ~~corresponding~~ according to type and contents indicated by the header of the CBS message, if the header indicates there is a coded message.

4. (Original) The method of claim 3, wherein if the broadcasting information is weather information, the message code includes an area code, a date code, a time code, and a weather code.

5. (Currently Amended) A method of transmitting and receiving broadcasting information by a cell broadcasting service (CBS) in a mobile telecommunication system, comprising:

converting in a transmitting mobile station broadcasting information into a predetermined message code equal to a message code predetermined in the receiving mobile station according to type and contents of the broadcasting information;

generating in the transmitting mobile station a message having a header indicating the type of the broadcasting information and the predetermined message code in a format predetermined depending on the type of the broadcasting information;

transmitting in the transmitting mobile station to the receiving mobile station the generated message by utilizing the CBS;

receiving the CBS message;

checking in the receiving mobile station the header of the CBS message upon receipt of the CBS message in a mobile station; and

recovering in the receiving mobile station the broadcasting information by comparing a message code of the CBS message with a ~~predetermined~~ code predetermined in the transmitting mobile station corresponding according to the type and contents indicated by the header of the CBS message, if the header indicates there is a coded message.

6. (Original) The method of claim 5, wherein if the broadcasting information is weather information, the message code includes an area code, a date code, a time code, and a weather code.

7. (Original) The method of claim 6, further comprising determining if a display state is active, and displaying the CBS message if the display state is active.

8. (Original) The method of claim 6, further comprising determining if a display state is active, and storing the CBS message in memory if the display state is not active.